



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



Volume 2, No. 5

OAK RIDGE, TENNESSEE

Tuesday, Feb. 3, 1948

Security Office Outlines Further Protection Moves

Further steps for the protection of restricted data is included in a statement by the Y-12 Security Office, North Portal, which invites inquiries from any employee who is not thoroughly conversant with the security regulations of the plant. The telephone number is 7125.

Incoming, Outgoing Log Books

By use of Form C-168, incoming classified document record; and Form C-169, outgoing classified document record; custodians of such documents shall maintain a permanent record book providing a complete record of all incoming and outgoing secret and confidential documents and all such restricted data originating and remaining in that particular office.

When the signed receipt for outgoing mail containing classified information is returned, the date of its receipt by the addressee shall be noted in the book to complete the record. These provisions are included in Standard Practice Procedure No. 55, as are other regulations covering handling of restricted data in Y-12.

When Cover Sheets Are Used

A cover sheet, Form C-1139, shall be attached to every secret document (also confidential when the originating authority deems it necessary) immediately after such document is prepared.

In addition to covering the text of the document from general view, the cover will indicate those persons who have seen it since all employees are required to sign the cover sheet before the document may be read by them.

Discussion Of Restricted Data

All employees shall exercise the greatest care to avoid discussion of restricted data in telephone conversations or within the hearing of persons unauthorized to receive such information. Care also should be taken to prevent inspection or access of unauthorized persons to restricted data. In telephone conversations it is permissible to refer to restricted data provided the conversation does not reveal information classified as confidential or higher.

No restricted data shall be disclosed to any outside individual or organization until such individual or organization has been granted a security clearance by the Atomic Energy Commission. Such disclosure shall not be made unless it is known that the action is required in the performance of official duties.

Furthermore, it is stressed again that under no circumstances shall classified information be discussed in private or public discussion in the presence of persons unauthorized to receive such information.

AORSE To Hear Talk By Morrison

Dr. Philip Morrison, of Cornell University, will speak on the topic of National Security and World Government at 8 p.m. Friday, February 5, in the Oak Ridge High School auditorium. Dr. Morrison's address is sponsored by the Association of Oak Ridge Scientists and Engineers. Admission will be 50c.

Dr. Morrison inspected Hiroshima and Nagasaki following the atomic bombing of those two Japanese cities.



SIZZLING SAMMY, THE SNOW MAN, KNOWS IT IS LEAP YEAR. Just look at the love flaming in his heart as he is being courted by a gorgeous galaxy of girls in Y-12. The lovely lassies, left to right, are Mary Barnes, Ruth Draughn, Virginia Bowers, Dorothy Mellen, Reba Justice and Thelma Grosscose.

Maybe It Won't Happen Again But Here's Snow Driving Tips

Let it be stressed that this article is being written as The Y-12 Bulletin staff is gazing out on the snowy expanses of the North Portal after traveling to and fro among drifts of beautiful (?) snow and over stretches of treacherously slick highways. Therefore, if when this issue of The Bulletin reaches you and balmy skies prevail—don't look on this opus as a "barn door closed after the horse is stolen" piece but absorb the information contained therein for future use. One never can tell what the weather will do in these parts—or any other parts as far as that is concerned.

So—just in case—here are excerpts from the January, 1947, issue of Coronet that should be of value:

"Next time you go into a chilly garage and warm up the family bus for a frosty drive, remember that winter months are the most dangerous driving period of the year.

If It Don't Help—Don't Do It

"Write the following rule on your mind in indelible ink, and it will keep you from getting nowhere fast the next time you are stuck in ice, snow or slush. If whatever you are doing doesn't get you out of the predicament immediately, stop doing it. In other words, when the vehicle does not respond after rear wheels are spun, more of the same won't help.

"In all icy conditions—easy does it. If a rear wheel is pocketed in a depression or cup of ice, spinning merely will make the cup deeper and smoother and therefore harder to get out of. Nine times out of 10, on level ground, the rocking technique will extricate the vehicle in a short time. Timing and coordination are essential to this winter driving procedure and at no time should the wheels be allowed

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First Aid Benefits Stressed As Emergency Training Grows

With approximately 20 classes in first aid now being conducted among Y-12 employees the benefits of the instruction to every individual employee for his own welfare and the welfare of fellow employees is being stressed by instructors. The first aid program, patterned from the United States Bureau of Mines first aid work as found applicable to Y-12, is being coordinated by the Supervisory Training Department.

Safe Practice Encouraged

Under the training now being offered Y-12 employees, every person taking the course is instructed how to care properly for injuries not only to others, but to himself, whether they are sustained at work, home or elsewhere. This training also is aimed at making employees more safety-minded and thereby less liable to injury and also inculcates the factor of personal safety through acquaintance of the potentially serious results of injuries not immediately treated.

This training is a forerunner of an intensive safety training program soon to be installed throughout Y-12.

Persons taking the first aid course are taught that even the most trivial injuries are potential sources of serious aftermaths and of the resultant need of prompt attention to such injuries. The training also stresses the necessity of consideration for other employees in observing all safety regulations of the plant.

Program Reduces Accidents

Participation of employees, supervision and plant officials on a common ground in the first aid program also has resulted in a better understanding of all in the objectives of the first aid program as a factor in reducing accidents, thereby increasing take home pay and boosting plant efficiency through lowering absenteeism caused by lost-time mishaps. It

(Continued on Page 3)



"MY FREET WERE FEEZ-ING," chattered C. H. Crockett, Dept. A17N, as he went to the Y-12 Dispensary last week for treatment of a feared "frostbite." However, Nurse Louise Worthington found nothing wrong with the exception of an ordinary case of cold dogs, which soon were warmed—without mustard.

SAFETY BOXES PLANNED

Better banking facilities in the Oak Ridge branch, which include the installation of additional safety deposit boxes within the next 60 to 90 days, was assured the Oak Ridge Better Business Association by officials of the Hamilton Bank of Knoxville.

State Residents Must Have Car, Driving Licenses

The legal requirement of all residents of the State of Tennessee who own and operate motor vehicles to obtain Tennessee license plates and operator's license is stressed in a letter from J. Leon Elkins, Judge of the Trial Justice Court for Anderson County, to Carbide and Carbon Chemicals Corp.

No Reciprocal Agreements

No reciprocal agreements now exist between Tennessee and other states for either license plates or operator's licenses for persons who now are Tennessee residents, Judge Elkins points out. This statement was confirmed by Sgt. Hue's Slate, of the Tennessee State Highway Patrol, in a statement to The Y-12 Bulletin last week.

Sergeant Slate said that the Oak Ridge branch of the Highway Patrol in Oak Ridge, on East Division Road, is open every Wednesday for the purpose of issuing Tennessee operator's licenses. The hours are from 9 a. m. to 11:30 a. m. and from 12:30 p. m. to 3:30 p. m. The Knoxville office of the Highway Patrol on Kingston Pike at the Alcoa Highway bridge is open daily from 8:30 a. m. to noon and from 1 p. m. to 3:30 p. m. for the issuance of driving permits.

Must Undergo Examination

Persons holding out-of-state driving permits must undergo a Tennessee examination before a Tennessee license is issued, Sergeant Slate said. The current Tennessee permits cost \$1 and do not expire until July 1, 1949.

Judge Elkins' letter on the subject follows:

Carbide and Carbon Chemicals Corp.

P. O. Box P,
Oak Ridge, Tenn.

Gentlemen:

Knowing of your interest in the welfare of the large number of people employed by your company in the different plants at Oak Ridge, and wishing myself to cooperate with them in every possible way, I wondered if it might be possible to publish in any of your plant literature the fact that all residents of the State of Tennessee owning automobiles must obtain Tennessee license plates for same and have in their possession also a valid, current Tennessee operator's permit. There are no reciprocal agreements existing between the State of Tennessee and other states superceding these requirements.

We are at the present time having numerous people cited to court for such violations and we are of the opinion that many of these people do not know of such requirements and would readily comply with same if called to their attention. Many of them are also confused and believe there are reciprocal agreements excusing them from said regulations.

It is our hope that we may be able to help those people avoid future court citations.

Yours very truly,
J. Leon Elkins, Judge
Trial Justice Court
For Anderson County.

FUEL CONSERVATION URGED

Fuel conservation on the part of Oak Ridge residents is requested by officials of the Department of Directed Operations to conform to the national program which is now being promoted in view of the serious fuel shortage.

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Two New Departments Lead Attendance Race

Another turnover in plant attendance standings took place for the week ending January 25, with new leaders forging to the top in both the major and minor leagues. For the first time in several weeks, no department in either league had a perfect attendance record.

Fire Department Takes Lead

In the major league, composed of departments with more than 50 employees, Dept. A14J, the Fire Department, jumped from fourth place held during the week ending January 18 to first place for the week ending January 25. The absentee record of the Fire Department for the latter week was .7 per cent.

Dept. A14N, Electrical Equipment Repair and Maintenance, held its second place spot occupied for the period ending January 18. The absentee mark for this group was 1.5 per cent. Close behind in third place was Dept. B-12H, Refining, with an absentee mark of 1.7 per cent. This department also held its position from the preceding week.

Dept. A13T, Transportation, jumped from fifth to first place in the minor league, composed of departments with from 15 to 49 employees. Its absentee mark was .5 per cent. In second place was Dept. M13S, Steam Plant, which posted an absentee mark of one per cent and advanced from sixth place. Dept. A12L, Employment, in fourth place for the week ending January 18, advanced one spot to finish third with an absentee mark of 1.3 per cent.

Plant Record Increases

The plant absentee record for the week ending January 25 was three per cent, .1 per cent higher than the previous week. The record, by departments, follows:

MAJOR LEAGUE More Than 50 Employees			
Dept.	Percentage Absent	Standing	1-25-48 1-18-48
A14J	0.7	1	4
A14N	1.5	2	2
B12H	1.7	3	3
A16N	2.1	4	8
A13N	2.5	5	5
B12L	2.56	6	9
A17N	2.62	7	11
A12C	2.8	8	7
H12L	2.8	9	1
A12G	3.10	10	6
M12P	3.12	11	15
H12E	3.8	12	13
A13S	3.9	13	14
H12D	4.6	14	10
B13L	4.77	15	12
A12W	4.83	16	16
A12M	5.1	17	11

Group absentee percentage was 2.9 per cent, .1 per cent higher than the preceding week.

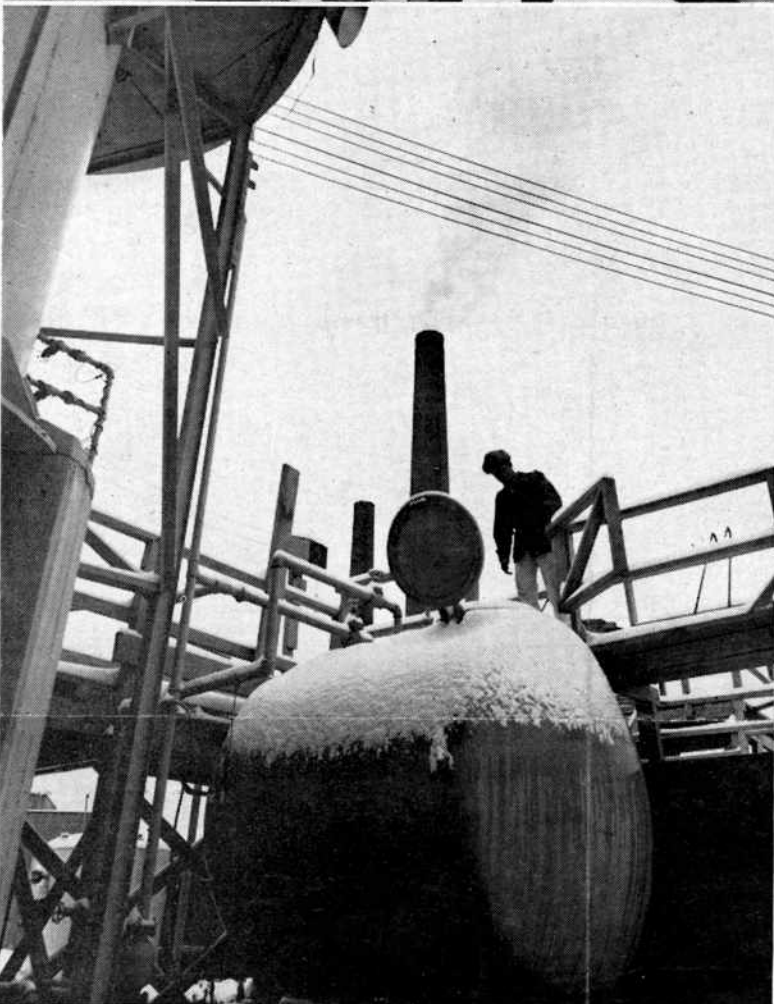
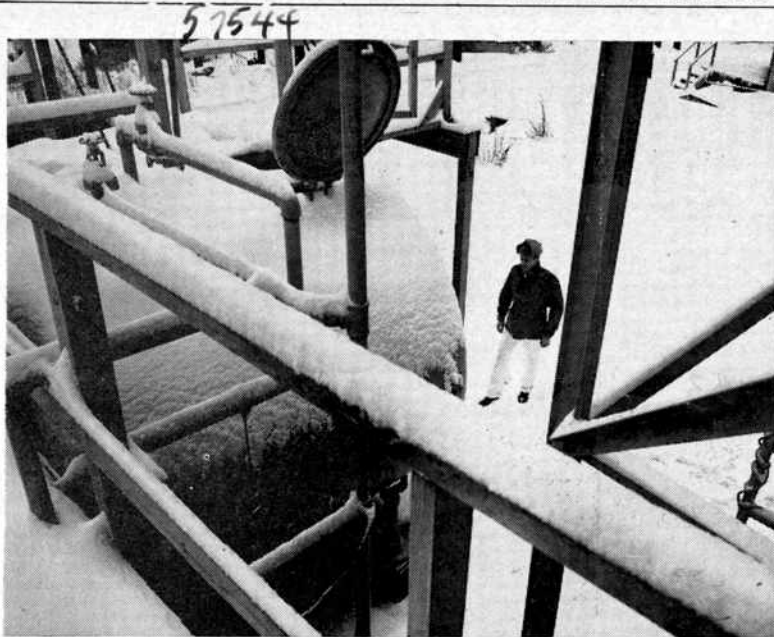
MINOR LEAGUE			
Dept.	Percentage Absent	Standing	1-25-48 1-18-48
A13T	0.5	1	5
M12S	1.0	2	6
A12L	1.3	3	4
B12A	1.60	4	1
A12T	2.1	5	3
M13P	2.2	6	1
A15N	2.7	7	1
A12N	2.8	8	10
A12D	3.5	9	12
A13S	6.3	10	11
A19N	8.0	11	7
A12A	8.2	12	8
B13C	8.9	13	9

Group absentee percentage was 3.4 per cent, .5 per cent higher than the preceding week.

The plant average for the week ending January 25 was three per cent, .1 per cent higher than the preceding week.



Only one birth was reported to a Y-12 family at the Oak Ridge Hospital last week. Mr. and Mrs. Clifford W. Sheridan became parents of a daughter on January 22.



Emma Puckett, Dept. A12S, is spending a two-week vacation with her father who is ill in Kentucky . . . D. B. Holt is on vacation.

Dept. A14N sends get well wishes to S. B. Ward, who is ill in the Christenberry Infirmary, in Knoxville . . . M. B. Bridges is ill at his home in Knoxville . . . H. F. Adkins has returned to work after being ill.

Lydia Best, Dept. B12C, is ill at her home in Alcoa, Tenn. . . Also Thelma Wise is ill at her home in Knoxville.

Dept. B12H welcomes Christine Cleveland back to work after a week's illness . . . Charles Garrett spent a week vacation in Jefferson City . . . Edna Miller is the proud aunt of a little niece, Cherry Lee Ford, born January 26, at Rockwood, Tenn.

Dave Harrigan, the Smiling Irishman in Manufacturing Offices and one of Y-12's most intrepid golfers, paid no attention to the blizzard of last week but was seen wildly waving a brassie at an imaginary target on every occasion when he was compelled to face the frigid blasts outdoors. "No, I ain't nuts," Dave replied to anxious friends, "but if the sun is shining next Monday on Ground Hog Day and that old gopher sticks an eye out of his den, I'm going to get him. One-Eye O'Connellly G. Hog, his friends are going to call him." Remembering Dave's golf scores the betting was five, three and even on the ground hog as of last Fri-

day.

Earl Patterson, Dept. B12C, during a recent vacation attended the graduation of his sister, May Patterson, at Berry College, Rome, Ga. Earl spent the rest of his vacation at his home in Dadesville, Ala., with the intention of going hunting and fishing, "but," says Earl, "snow and rain prevailed all week so I'll have to try my luck with hunting and fishing some other time."

Everyone is sorry to hear Jo Potts, the happy voice we hear when we call Wheeldex, is ill at her home in Knoxville. We all wish her a quick recovery . . . Lucy Whitman, also of Wage Standards, is ill.

Jess Durrett, Head Chef of the Y-12 Cafeteria, was very happy when his son, Carlyle Durrett, a former employee of Y-12, stopped in Oak Ridge last week while on his way to New Orleans where he will continue work with a branch of the Coca-Cola Bottling Co. which formerly was located in Chicago.

Helen Mathews, Dept. A12S, was among the victims of the ice and snow hazard last week. While descending the steps at the T. and C. Cafe in Oak Ridge, Helen had a little slide, result—as usual—cuts and bruises. The department wishes her a quick recovery.

Everyone is happy to hear our little carrier of the mail, Helen Cunningham, has returned to work after a weeks illness. Helen is glad



WHEN OLD MAN WINTER CAST HIS BLANKET OF SNOW over Y-12 last week, some spots in the plant presented striking picture material caught by Y-12 Photographer Vincent Moore, as shown above in the two pictures to the left in which D. L. Glover inspects snow-covered equipment. The snow also presented highway maintenance problems, which are being solved as shown in the picture to the right as a bulldozer clears the road for a bus. Left to right are H. L. Spurgeon, bus driver in Dept. A13T; C. B. Hopkins, general foreman in the Maintenance Division; Wayne Rogers, bulldozer operator in Dept. A13T; with Louis Madonna and Sam Fouts standing in the right background.

Maybe It Won't Happen Again But Here's Snow Driving Tips

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to spin if it can possibly be avoided.

"Another emergency step in such a situation is to let some air out of the trapped tire. The lower pressure will provide more traction surface and increase the grip of the tire. However, once out and away, don't drive any farther than is necessary on the deflated tire before having the air pressure restored. Still another aid is the use of snap-on chains (not to be confused with the larger conventional type that encircle the entire tire). These snap-on chains are excellent accessories to help in getting out of ice and snow pockets, but they are of no value in preventing skids on icy curves as there is too much bare tire between the too-few links in the chains.

"Now let's see how you got into that ditch in the first place. The chances are that you skidded there and the reason you skidded brings up Newton's Law of Motion which reads, 'Anything moving tends to keep on moving and in a straight line.' On snow or ice, without chains, you will do well to memorize Sir Isaac's little truism before venturing forth.

How Soon Can You Stop?

"Traveling on a dry concrete surfaced road at 40 miles per hour, the shortest distance in which an automobile can be stopped after the driver senses danger is 124 feet. In the time it takes your eye to transmit the emergency to your brain and thence to your muscles—five-eighths of a second is normal—you will have travelled 36 feet. After you apply your brake you will go an additional 88 feet before you come to a full stop, or a total of 124 feet. That is more than 11 car lengths.

"On packed snow at the same speed you will travel 250 feet, or about 23 lengths, before you can stop. On glare ice, without chains, you will hurtle ahead for 716 feet. That is 40 yards longer than two football fields laid end to end. If there is the slightest curve ahead, you might as well forget the brakes and pray for a fence because you are a victim of Sir Isaac Newton's inexorable Law of Mo-

tion, which in this case continues in force until you come to a cuddly end of the skid wrapped around a tree or a cornstalk.

Icy Hills Baffle Many

"An icy hill seems to baffle more drivers than almost any other driving condition. As many drivers near the top of a grade and begin to slow down, they usually shift into second gear and 'give her the gas' from force of habit. This practice always ends in failure.

"To avoid trouble in such driving, you should be sure there are no cars stuck on the hill before attempting to negotiate the grade. Then get as long a running start as possible, even if you have to back-track several hundred feet. Then start in high gear and stay in high gear. As you approach the crest of the hill, gradually ease up on the accelerator so that the wheels will not quite reach the spinning point.

How To Buck Driveway Drifts

"With patience and 'know-how' you can buck your way out of a level driveway covered with a foot of snow or more. It's the rocking technique on a larger scale. Gain a foot, then back up as far as you can and assault the barrier again. Each time you backtrack you will have a longer assault run and therefore each spurt will be longer than the preceding one and provide more force against the snow. However, be sure to stay in one set of tracks all the time—and don't spin the wheels.

"It is well to always be prepared for winter driving—which is absolutely different from summer driving. A totally different technique is required in driving on ice, snow and sleet—the most difficult maneuvers required of any motorist. Even after you have mastered the art of winter driving—you still will have to be alert for the millions of car-owners who have never learned and never will learn the ABC's of winter driving."

Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital last week: Nathaniel Stetson, Dept. H12E; Frederick Uffelman, Dept. M12M; Laura D. Kennedy, Dept. A19N; Margaret A. Solomon, Dept. H12L; George H. Kesterson, Dept. A14J; Ethel O. Rose, Dept. M12P; Tina M. Bacon, Dept. B13L; Elmer H. Johnson, Dept. B12C; V. C. Nance, Dept. A12G; David E. Lewis, A17N; Randall B. Amos, Dept. A13N; Howard L. Martin, Dept. A12W.

When you are losing, wear a winning smile.



WOMEN PLAY AN ACTIVE PART IN ADMINISTERING First aid in Bldg. 9212, as shown in the above pictures. At left is the first aid class just before going into action. Front row, from left, are H. D. Pickens, A. M. Jones, instructor; Wilma West, Marjorie Giles and Ruby Jones. In the back row are Jim Charles, K. C. Fritts, F. J. Hawk, T. L. Hart and H. D. Whitehead. In the

picture at the right, the women are shown applying arm splints to other members of the class. Kneeling in center are Ruby Jones, Wilma West and Marjorie Giles while standing, left to right, are Fritts, Jones, Charles, Whitehead, Pickens, Hart and Hawk. Ralph Ford, also a member of the class, was absent when the picture was made.

Additions To Y-12 Technical Library

Mathematics

QA 331 — Emde, Fritz, "Tables of Elementary Functions." Michigan, Edwards Bros., 1945. 181 pages.

Astronomy

QB 209—Johnson, Martin, "Time, Knowledge and the Nebulae." N. Y., Dover, 1947. 189 pages.

Physics

QC 61—Knoll, M., "Gasentladungs-Tabellen." Michigan, Edwards Bros., 1944. 171 pages.

QC 169 — Espe, W. and Knoll, M., "Werkstoffkunde der Hochvakuumtechnik." Michigan, Edwards Brothers, 1944. 383 pages.

QC 174—Born and Jordan, "Elementare Quantenmechanik." Michigan, Edwards Brothers, 1946. 434 pages.

QC 231 — Flugge and Kerbs, "Grundlagen der Wellenmechanik." Michigan, Edwards Brothers, 1944. 236 pages.

QC 453—Kayser, H., "Tabelle der Hauptlinien der Linienspektren." Michigan, Edwards Brothers, 1944. 269 pages.

QC 453—Kayser, H., "Tabelle der Schwingungszahlen." Michigan, Edwards Brothers, 1944. 106 pages.

QC 607—Strigel, R., "Elektrische Stossfestigkeit." Michigan, Edwards Brothers, 1944. 317 pages.

QC 611 — Doss, Joachim, "Der Elektrische Strom." Michigan, Edwards Brothers, 1945. 352 pages.

QC 721—Gentner, W. and Maier-Leibnitz, H., and Bothe, W., "Neubelkammerbilder." Michigan, Edwards Brothers, 1944. 125 pages.

Chemistry

QD 95—Henrici, A., "Chemische Spektralanalyse." Michigan, Edwards Brothers, 1944. 138 pages.

QD 95—Sponer, H., "Molekulspektren." Michigan, Edwards Brothers, 1945. 154 pages.

Periodical — "Electrochemical Society Journal," beginning with first issue, January 1948. (Replaces the Society's Preprints formerly supplied with the Transactions.)

Periodical—"Industrial Chemist and Chemical Manufacturer," beginning with October 1947 issue.

Technology

T 215—RCA Review, "Patent Notes for Engineers." N. J., Radio Corp. of America, RCA Laboratories Division, 1947. 165 pages.

TA 350—Prescott, John, "Applied Elasticity." N. Y., Dover, 1946. 666 pages.

TA 491—Hessenbruch, W., "Zunderfeste Legierungen." Michigan, Edwards Brothers, 1945. 254 pages.

Periodical—"Light Metal Age," beginning with October 1947 issue.

The telephone bell rang and the dumb cluck answered it.

"Couldn't say. Why don't you call the weather bureau?"

"Who was that?" asked his wife when he hung up.

"Oh," said the husband, "it was some dope who wanted to know if the coast was clear."

The human machine has no spare parts.



HOW LIVES MAY BE SAVED IN Y-12 if rooms become filled with gas or smoke to overcome occupants is shown in the picture above in which employees wearing gas masks are demonstrating rescue methods. The picture shows employees in Bldg. 9206 with the simulated victims on the first row being, from left, George Miller, Roscoe Reid and H. T. Kite. In the second row, wearing masks and showing how the overcome victims are carried to safety are Woodrow Wiggington, Eric Wischhusen and Madison Cook. Looking on from the rear are George Strasser, Plant Shift Supervisor; and H. W. Saylor, Department Superintendent in Bldg. 9206. Kneeling in front is First Aid Instructor Harry Grubb.

Chilton's Catch Finishes Sixth

George Chilton of Y-12, who proved himself one of the plant's great fisherman in 1947 when he caught that 10-pound pike last November, was informed that his prize only brought him sixth place in the East Tennessee Rod and Gun Club's competition. The awards were made at the organization's annual dinner party held in Knoxville January 16. Chilton said that first prize for the largest pike caught by a member in 1947 was for a fish which weighed 11¼ pounds. Chilton's sixth place award was a Criterion reel.

The competition was so close, Chilton declared, that only a few ounces of weight separated the first and sixth place winners.

CLOTHING IMPORTANT

Simple trimming is recommended on children's clothing so that they may learn to be independent, according to Edna Gray, of the University of Illinois agricultural college. She says fluffy ruffles, big bows and sashes make it almost impossible for a child to learn to dress itself, this being one of the first ways a child learns how to be independent.

Like To Cook? Then Try This Recipe

QUICK BEAN CASSEROLE

Empty two (18 ounce) cans of baked beans into a casserole. Cut one-quarter of a pound of salt pork into cubes, try out a few minutes and then insert into the beans, allowing three or four pieces to show at the top. Bake uncovered in a moderately hot oven (375 degrees Fahrenheit) for 45 minutes or until pork is brown and beans are bubbly. Serves six.

STERN TO PLAY SATURDAY

Y-12 music lovers will have the opportunity of hearing the noted young violinist Isaac Stern at the Grove Theater Saturday in a concert sponsored by the Oak Ridge Civic Music Association. The concert will start at 8:15 p.m., and will feature Stern in the following numbers, Little Fugue in G-minor by Bach, a violin concerto from Beethoven, and Prokofiev's Sonata in D-major.

Every good American wants atomic energy information protected.

Safety Sticker Enforcement Begun

The Oak Ridge Police Department has begun to issue violation citations to drivers whose automobile do not bear the latest Safety Lane inspection stickers. The Department of Public Safety at the same time advises that Safety Lane inspection hours still are being maintained for those whose cars did not pass the initial tests and for owners of new automobiles.

The new schedule is Mondays through Fridays from 8:15 a. m. to 5 p. m. with time out for lunch between 12 noon and 12:45 p. m. During all of this month the lane will be closed on Saturdays and Sundays.

LAST FLIGHT MADE

The famous old tri-motored Fokker plane, the Southern Cross, used by the late Sir Kingsford Smith in his flight across the Pacific, probably made its last flight when returned to an Australian museum after being used in a film depicting the life of the noted flier.

Some people are in debt because they spend what their friends think they make.

Truth is clear as a bell, but not often tolled.

First Aid Training Benefits Are Stressed

(Continued from Page 1)

also propagates a spirit of cooperation for mutual protection and regard for the welfare of fellow employees among all Y-12 personnel.

The first aid program now being conducted in Y-12 is an integral part of the Plant Emergency Plan for the protection of all employees as well as plant property. Participation in the first aid program, is purely voluntary on the part of all employees and such volunteers must be physically qualified for the duties to which they are assigned.

Main Purposes Of Program

The main purposes of such training follows:

1. To prevent accidents. To make the individual see an accident in terms of possible pain to himself and a blow to his pocketbook is an important feature of any safety program. Impressing the result of failure to have minor injuries immediately cared for is one of the best methods of demonstrating the need of having such injuries treated without delay.

2. To equip all employees participating in the program with sufficient knowledge to determine the nature and extent of an injury. This does not mean that a first aider is expected to make an accurate and complete diagnosis such as made by a physician, but the first aider is trained to come to a decision as to the nature and possible extent of the injury and normal steps to take in such emergency.

3. To train the first aider to do the proper thing at the proper time. Likewise it is just as important to train the first aider in what not to do.

Should Summon Medical Aid

First aid is never taught to replace administrations of a physician but is intended to provide preliminary treatment until medical aid can be obtained or the injured person taken to where a doctor can give treatment. One of the first tenets taught first aiders is to send for medical aid in all cases of serious injury and even in case of minor injuries to have the patient report to the Y-12 Dispensary as soon as possible after the injury is sustained.

When first aid is properly administered open wounds are protected from infection and fractures and dislocations are reduced. Loss of blood usually can be checked by application of first aid treatment. Artificial respiration can restore natural breathing in many cases where it has stopped. Shock can be either prevented or moderated and pain lessened on many occasions, thus conserving the strength of the patient and greatly increasing the chances of speedy recovery.

Instrument Society To Meet Wednesday

The Instrument Society of America's Oak Ridge Section will hold a dinner meeting tomorrow night at Grove Hall starting at 7 o'clock and hear a talk by J. B. McMahan of Chicago, according to L. E. Burkhart, Dept. H12L, a member of the group's publicity committee.

Burkhart said that McMahan, of the Republic Flow Meters Co., of Chicago, would speak on his experiences abroad. Also at the dinner meeting will be a discussion of the proposed smoker on February 20 for members and guests.

Sorority Planning Valentine Dance

The Beta Sigma Phi Sorority is sponsoring a Valentine Dance, February 13, at Grove Recreation Hall from 9 p. m. to 1 a. m. All Y-12 employees are invited to attend. Tickets and reservations may be obtained by getting in touch with Reatha Luce, Virginia Hall, Mable Thompson, Mable Tyler, Helen Mathews, Lovelle Thompson, Idana Devinish and Ophelia McCord or other members of the sorority.

Music will be provided by Jim Scott and his Orchestra.

Anybody can have an accident — be different.

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S P O R T S



FIGHTING CONTENTENDERS FOR THE PLANT BASKETBALL title are the Guards who now occupy third position in the loop standings on a record of six wins against four losses based on games played to January 30. Left to right are: George McPherson, R. B. Blankenship, J. H. Shoemaker, Doyle Williams, Paul Clevenger, Manager Ray Ledford, Rick Sparks, Otis Rackley, Ernest Bentley and Elbert Scott.

Varsity Quint Shows Scoring Power To Top Jaycees And Hold Tie For Lead In League

After depending on superb defensive tactics to gain a tie for first place in the City Recreation Basketball League by stringing four victories in a row, the Y-12 men's varsity quint shows definite signs of developing an offensive power to match. This new scoring power was aptly demonstrated in the 43 to 25 triumph over the Jaycees Monday before last at the Linden gymnasium.

Wood Choppers Increase Lead In D Area Loop

The Wood Choppers, again swinging lustily, chipped the Scotties for four points last Tuesday night at the Jefferson and enhanced their D Area Bowling League leadership by a considerable margin. The Strikers also struck hard and took a four-pointer from the Splinters but continued to trail the Choppers by two full points.

While the Choppers were busy felling the Scotties, other bowlers were just as busy knocking over records along with pins. A new season's handicap high for a team series was chalked up by the Strikers, who rolled a 3,055 and a scratch total of 2,508 which established a new team mark for the second half. All individual efforts for the night were topped by Grady Whitman of the Strikers, who put together scratch game scores of 191, 197 and 173 for a 561. Others rolling 500 scratch series or better were Pletz, Splinters, 549; Rueff, Termites, 520; Brundage, Strikers, 517; Gordon, Calutrons 516; Burns, Strikers, 514; Tunnell, Termites, 513; Bowles, Overheads, 508, and Kapplemann, 505.

Tonight's D Area bowling schedule at the Jefferson pits the Old Men vs. Scotties; Calutrons vs. Splinters; Strikers vs. Termites, and Wood Choppers vs. Overheads.

League standing follows:

Team	W	L	Team	W	L
W. Choppers	13	3	Scotties	7	9
Strikers	11	5	Old Men	6	10
Calutrons	10	6	Overheads	6	10
Termites	9	7	Splinters	2	14

Women Bowlers Set Scoring Records In Beating Fairchild

The Fairchild girls furnished a lot of determined opposition last Thursday night at the Grove Alleys but the Y-12 keglers came through with some great rolling to take the first two games 708 to 662 and 790 to 716, but lost the finale 713 to 729. The 790 game established a team high for second period rolling in the CEW Women's Bowling League and the 2,211 series set another record.

Daisy Brogan led the Y-12 scoring parade in rolling games of 154, 175 and 170; followed by Lora Tucker with games of 137, 158 and 159; Dot Roberts with 145, 145 and 150; Ann Prestin 151, 151 and 116; and Ann Hart 121, 161 and 118.

Y-12 now trails in second place by a margin of four games, but a clean sweep over the last place CS Laundry team Thursday night should shove them up a bit closer to the loop leading Clinton Lab gals.

League standing follows:

Team	W	L	Team	W	L
Monsanto	36	15	Dodgers	25	26
Y-12	32	19	Ford Motor	24	27
R-A	32	19	K-25	22	29
Fairchild	29	22	G. Mcn'ts	19	32
Morats	27	24	P. V. Mchts.	19	32
Jeffs	25	26	CS Laundry	15	36

Kapplemann Tops Scorers

Held to a halftime score of 17-12, our varsity basketballers broke loose on a scoring spree which more than doubled the points on their JCC opponents in the second half in chalking up 26 counters to 13. Fred Kapplemann led the loop-hitting parade when he accounted for 16 points on six field goals and four free throw shots. Teammate John Sewell trailed slightly in aiding the Y-12 cause when he tallied five from the field and a singleton from the gift shot line. Still another Y-12er, Knobby Green, the old La-Follette flash, also clicked in garnering nine points on four field goals and one from a foul throw.

Another ex-LaFollette High School star, Arnold Tiller, contributed with a field goal, but more than made up for low scoring by holding the Jaycee forward ace to a lone two-pointer. Cottrell's point on a free throw plus single field goals by Rick Sparks and Baer brought Y-12's final tally to 43.

K-25 Shares Top Spot

K-25 also kept pace in sharing first place with Y-12 as it won from the Grove Merchants on a score of 36 to 20. Last night, Y-12 played the Oak Ridge Motors and will take on the strong Clinton Lab boys next Monday night at the Linden gymnasium at 7:15 o'clock in the first game of a tripleheader in the Recreation League.

League standing follows:

Team	W	L	Team	W	L
Y-12	6	1	Wildcats	2	4
K-25	6	1	JCCs	2	4
Clin Lab	4	1	G. Mcn'ts	1	4
O.R. Motors	3	1	C. Stores	1	4
AEC	2	2	Celtics	1	4

Y-12 ELKS ON DELEGATION

The large delegation of Oak Ridge Elks Lodge No. 1684 members that will attend a dinner Friday at Knoxville in honor of Lafayette A. Lewis, grand exalted ruler, will include a number of Y-12 men, it has been announced by George McNamee, exalted ruler of the local lodge and Superintendent of the Y-12 cafeteria. Those Y-12 men expected to attend are Ed Cain, T. A. McKenzie, Arnold Tiller, W. O. Watson and Glen H. Shelton.

Don't ever discuss details of Y-12 operations with unauthorized persons.

Foot note — wear safety shoes.

Y-12 Keglers Put Pin Loop Lead On Line In R-A Clashes Tonight

The Y-12 entry in the City Industrial Bowling League finally attained the loop's top spot displacing K-25 when they steamrolled the Skidmores Tuesday night of last week for a clean sweep of the series on scores of 846 to 719, 823 to 786 and 815 to 747. However, the Atomic Energy Commission keggers helped the Y-12 cause by taking two out of three from K-25, which shoved the losers and the winners of this match into a deadlock for second and third positions. Our varsity team now sports a 40 and 20 record.

Although Y-12's series with

Roane-Anderson tonight at the Central Alleys places the new leadership on the line while the AEC boys take on an easier foe in the Fairchild aggregation, the big test comes next week when Capt. "Sky" Barker's men clash with the second place kegling representation from the "Hill." A clean sweep for either team would just about clinch the pennant for the winner of this most crucial series.

League standing follows:

Team	W	L	Team	W	L
Y-12	40	20	R-A	32	28
AEC	39	21	Fairchild	17	43
K-25	39	21	Skidmore	13	47

Wolves Tighten Plant Bowling League Lead

The Wolves reinforced their Plant Bowling League leadership at the expense of the slightly fading Comets who dropped a four-pointer to the timber roamers last Thursday night at the Grove Alleys. The Bldg. 9212 boys jacked up their loop standing and took over the second spot position as a result of a three-point win over the One-91s.

High single game with handicap for the night was set by the Chemicals with a score of 1,033, while high series went to the Wolves with 2,920. Individual single game handicap rolling highs were chalked up by Tyree, of the Lumber Jacks, and Petretzsky, of the Chemicals, on a tied mark of 239. Tyree took additional honors with 660 for series high with handicap. Petretzsky topped scratch single game rolling with his 209 and high for a series with 551. Others rolling 200 scratch games or better were Gragg, Wolves, 203; Burns, Chemicals, 201; and Savage, Wood Butchers, 200.

League standing follows:

Team	W	L	Team	W	L
Wolves	23	5	Chemical	12	16
Bldg. 9212	20	8	Rippers	12	16
Comets	17	11	W. Butchers	11	17
Bums	16	12	Big Uns	9	19
B. Busters	16	12	One-91	7	21
L.Jacks	16	12	K. Holers	9	19

LAST TRAILERS GOING

The 500 remaining trailers of the 5,000 which once housed Oak Ridge construction workers are now being released to the War Assets Administration for sale and will be disposed of here in the near future.

Foot note — wear safety shoes.

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Rough House Five Wallops TK Quint; Cops First Half

The Rough House Five was forced into a desperate second half rally to break a 16-16 halftime tie and turn back a determined crew of Time Keepers by a final score of 35 to 30 in a Plant Basketball League fracas played last Wednesday night at Scarboro gymnasium. It was rough going all the way for the R-H quint but the league leaders tacked on No. 8 to the win column against a single reverse on a forfeit.

Green Is High Scorer

Knobby Green paced both teams in the scoring department when he racked up seven field goals and four points on free throw opportunities. His teammate Edmond Kimbro also aided the Time Keepers' cause by sinking three from the field. For the RH Five Grimes hit from the floor for 10 points and his running mates, Rambling Ramsey and Cottrell, each added three and Kapplemann two field goals.

The second game was a family wrangle affair between the Kilroys and their offsprings, the Bottlenecks, which ended 29 to 26 in favor of the parent organization. The Bottlenecks looked good, although losing, and served notice to the rest of the loop teams that the outcome of the second half of the schedule may be an entirely different story. John Sewell, the Kilroy sparkplug, ran away with the scoring honors with 11 points to his credit on five from the field and a point from the foul line. Schugart was high point man for the Bottlenecks with his four field goals.

First Half Is Concluded

Last night's game between the Guards and the Rough House Five ended first half play and regardless of the outcome the Rough House quint walked away with the first place honors. The Plant League's second half schedule begins this Friday with a tripleheader at the Scarboro gymnasium where all games will be played.

The schedule follows:

Friday, Feb. 6—Bldg. 9212 vs. Guards, 6:30 p. m.; Kilroys vs. Bottlenecks, 7:45 p. m.; Rough House Five vs. Time Keepers, 9 p. m.

Wednesday, Feb. 11—Time Keepers vs. Kilroys, 6:30 p. m.; Rough House Five vs. Bldg. 9212, 7:45 p. m.; Bottlenecks vs. Guards, 9 p. m.

Friday, Feb. 13—Rough House Five vs. Bottlenecks, 6:30 p. m.; Guards v. Kilroys, 7:45 p. m.; Time Keepers vs. Bldg. 9212, 9 p. m.

Wednesday, Feb. 18—Kilroys vs. Bldg. 9212, 6:30 p. m.; Bottlenecks vs. Time Keepers, 7:45 p. m.; Guards vs. Rough House Five, 9 p. m.

Friday, Feb. 20—Kilroys vs. Rough House Five, 6:30 p. m.; Time Keepers vs. Guards, 7:45 p. m. and Bldg. 9212 vs. Bottlenecks, 9 p. m.

League standing as of last Friday follows:

Team	W	L	Team	W	L
RH Five	8	1	Kilroys	5	7
Time Keepers	8	4	Bldg. 9212	3	8
Guards	6	4	Bottlenecks	0	6

Improved Pocket Billiard Team Of Y-12 Defeats AIT

The Y-12 cue artists, who are doing a much better job in the second half of the CEW Pocket Billiard League schedule, came through with another win last week when they bested AIT on a three to two chalk-up. The five matches between AIT and Y-12 players resulted in the following scores (first named are Y-12 men): Wiest 49, Soard 75; Minge 36, Moore 75; Burnette 75, Randall 62; Walker 75, Lenville 68; and Galloway 75, Smith 58.

League standing follows:

Team	W	L	Team	W	L
K-25	16	4	AIT	8	12
Cue-Cush.	15	5	Clin. Lab.	7	13
Y-12	10	10	Jeffs	4	16

Most girls look good enough to eat — they usually do, too.